

PART 70/ENHANCED NSR/FESOP PERMIT APPLICATION INSTRUCTIONS

ATTACHMENT 2

VOC DATA SHEETS

January 1995

VOC DATA SHEET

PROPERTIES OF THE MATERIAL "AS SUPPLIED" BY THE MANUFACTURER

Coating Manufacturer:	
Coating Identification:	
Batch Identification:	
Supplied to:	

Properties of the coating "as supplied" to the customer:

Coating Density (D_c) _s ¹ :		lb/gal, or		kg/l
Test Method:		ASTM D1475		Other ²

Total Volatiles (W_v) _s :		Weight Percent		
Test Method:		ASTM D2369		Other ²

Water Content:	Weight Percent (W_w) _s :			
Test Method:	ASTM D3792		ASTM D4017	Other ²
	Volume Percent (V_w) _s :			
	Test Method:	Calculated		Other ²

Organic Volatiles:	Weight Percent (W_o) _s	
Non-volatiles content:	Volume Percent (V_n) _s	

VOC content (VOC) _s :		lb/gal coating less water, or
		kg/l coating less water
		lb/gal solids, or
		kg/l solids

¹ The subscript "s" denotes that each value is for the coating "as supplied" by the manufacturer.

² Provide an explanation for "other" methods used, use back of form if necessary.

Description of "Other":

VOC DATA SHEET

PROPERTIES OF THE COATING "AS APPLIED" TO THE SUBSTRATE

Material Manufacturer:
Material Identification:
Batch Identificaiton:
User:
User's Coating Identification:

Properties of the coating "as applied" by the user:

Coating Density (D_c) _a ¹ :		lb/gal, or		kg/l
Test Method:		ASTM D1475		Other ²
Total Volatiles (W_v) _a :		Weight Percent		
Test Method:		ASTM D2369		Other ²
Water Content:	Weight Percent (W_w) _a :			
Test Method:	ASTM D3792		ASTM D4017	Other ²
	Volume Percent (V_w) _a :			
Test Method:	Calculated		Other ²	
Weighted Average Density of the dilution solvent (D_d) ³			lb/gal	
Test Method	ASTM1475		Handbook	Formulation
Dilution Solvent Ratio (R_d):		gal diluent/(gal coating) _s ⁴ , or		
		liter diluent/(liter coating) _s ⁴		
Organic Volatiles Content ⁵ (W_o) _a :		Weight Percent		
Non-Volatiles Content (V_n) _a :		Volume Percent		
VOC Content (VOC) _a :		lb/gal of coating less water, or		
		kg/l of coating less water		
		lb/gal solids, or		
		kg/l solids		

¹ The subscript "a" denotes each value is for the coating "as applied" to the substrate.

² Use the back to further explain the "other" methods.

³ The subscript "d" denotes values are for the dilution solvent.

⁴ The subscript "s" denotes values are for the coating "as supplied" by the manufacturer.

⁵ This terminology is used to be consistent with Method 24. It refers to all photochemically reactive organic compounds emitted from the coating including reactive by-products of the cure reaction, exactly the same matter as indicated in Item H, i.e. volatile organic compounds, or VOC.